

Your best guarantee of a good buy

Your Penta U-21 S is made by our factory where exceptional resources are conscientiously applied to make the very best use of more than 40 years of outboard motor experience — the vast experience gained from the hard use of our motors all over the world and under every conceivable condition.

Every component, however small, is checked and checked again during manufacture. Every motor is rigorously tested under simulated running conditions before it leaves the factory. And every Penta U-21 S is covered by an itemized *one-year guarantee*.



Penta

U-21 S

— the utility motor for unequalled design
and unsurpassed workmanship

AB ELECTROLUX • OUTBOARD MOTOR DIVISION

Stockholm 18 • Sweden • Telegrams: Motorelux

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Penta

U-21 S

*the unparalleled
utility motor...*



...now better than ever in **handling • quietness and performance**



Penta the world over...

**Worth knowing
about outboards**

- large cylinder volume
- low r.p.m.
- large propeller
 - = more power
 - = longer life
 - = less fuel

... worth remembering

Every Penta of to-day gives you the accumulated experience of more than 40 years of tough service in tropical and arctic climates, in muddy rivers, in lakes and salty seas. It is this practical experience, in combination with continuous research, which keeps our outboard motors in the lead. Penta U-21 S stands alone not only in design and construction, but also in high-grade materials and first-class workmanship. Give a minute to the data and material specification; note, for instance, that all exposed underwater parts are of bronze, an expensive and heavy material but well worth using for its 100 % resistance to corrosion by salt water and its impact and shock strength.

Now better than ever! Penta U-21, the incomparable utility motor, famed the world over for its drive, durability, low-cost operation and reliability all along the line, comes to you in a new version: the U-21 S. Penta U-21 S has all the exceptional qualities and advantages that won world fame for its predecessor, plus extra manoeuvrability, quieter and smoother running. The motor can be idled down to a real creep, running smoothly and steadily for hours on end.

Penta U-21 S is a *low-rev., sturdy utility motor in a class by itself*. The large propeller plus complete manoeuvrability make it exceptionally effective, even on very heavy and sluggish hulls. It's a pleasure to handle a motor that does a good job — this pleasure is yours with Penta U-21 S.



Penta

U-21s

has everything you can ask of a real utility motor, e. g.:

- ★ large cylinder capacity
- ★ low r. p. m.
- ★ large propeller

These three factors determine the working efficiency of an outboard motor for displacement craft.

These fundamental and extremely important prerequisites for an ideal utility motor have found better expression in Penta U-21 S than in any other outboard motor.

- The combined capacity of the twin cylinders is no less than 275 c.c. (16³/₄ cu.in.)
- Crankshaft speed is as low as 1,400 r.p.m., which is geared right down to 300 r.p.m. on the propeller shaft
- The 3-blade propeller has the very large diameter of 14 11/64 in. (360 mm.) and a pitch of 11 27/64 in. (290 mm.).

— all adding up to an exceptionally effective conversion of motor output to powerful drive.



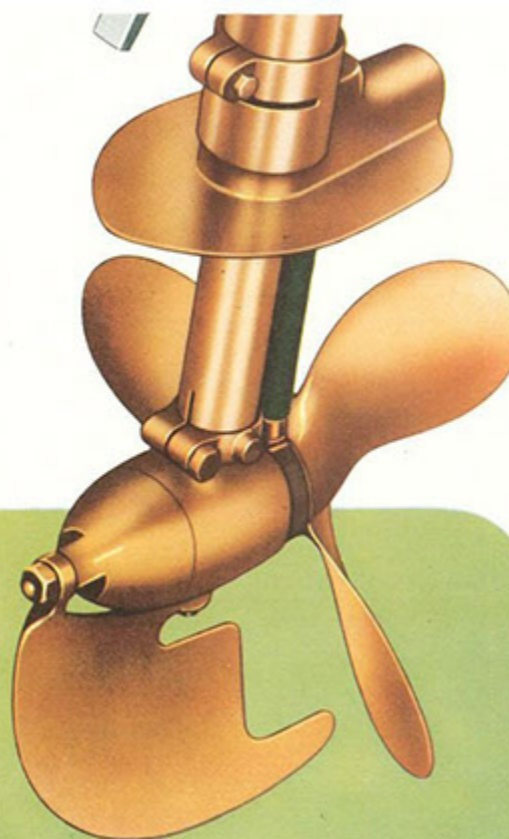
The stern handle is practical and convenient for steering when running astern; in addition the motor has two carrying grips which make the motor much easier to handle on land.



Easy boat handling — the motor does the work

With Penta U-21 S — now with special carburetor throttle for slow running as standard equipment — you can reduce boat speed to a mere creep. The motor will tick over smoothly and steadily hour after hour.

You can also swivel the Penta U-21 S right round. Simply and effortlessly, you can use it to brake boat speed, swing round the boat in your own length, move astern or keep practically stationary — what more can you ask?



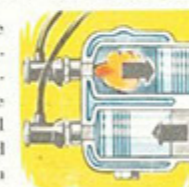
Better silencing — increased enjoyment

Another fine feature of the Penta U-21 S is the new exhaust system. Exhaust gases mixed with cooling water are now led down underwater to reduce motor noise to a quiet, soothing purr and eliminate all unpleasant smell and smoke.



Easy starting, no vibration

The two cylinders, cast one above the other in a one-piece block, fire alternately. This, together with the finely balanced, big flywheel ensures easy starting and smooth, steady running both advanced and retarded. The system provides even gas intake and smooth output with two power impulses per revolution contributing to achieve high propeller efficiency.



Automatic safety devices

Penta U-21 S tilts automatically and manually. There is thus very much less chance of damage if the propeller, etc., should collide with submerged objects or when coming up to land in shallow waters. The shear pin is easily replaced.



Remote control — comfortable and practical



Wheel-steering and remote throttle control are convenient, practical features. The improved weight distribution that often results helps to increase speed and lower fuel costs. For this reason Penta U-21 S can be attached to steering and throttle control wires.

Technical data

Rating	4 h.p.
Number of cylinders	2
Cylinder capacity	275 c.c. (16 ³ / ₄ cu. in.)
Bore	54 mm. (2 ¹ / ₈ in.)
Stroke	60 mm. (2 ³ / ₈ in.)
R. p. m.; motor	approx. 1,400
propeller	approx. 800
Propeller: standard	3 blades*
diameter	360 mm. (14 ¹ / ₄ in.)
pitch	290 mm. (11 ³ / ₈ in.)
Distance from upper edge of transom to: anti-cavitation plate	450 mm. (17 ³ / ₈ in.)
propeller centre	650 mm. (25 ³ / ₈ in.)
lower edge of propeller protection	873 mm. (34 ³ / ₈ in.)
Overall length	1247 mm. (49 ³ / ₈ in.)
Standard extensions	100, 200, 300 mm. (4, 8, 12 in.)
Max. width	352 mm. (13 ⁵ / ₈ in.)
Distance between clamping screw centres	200 mm. (7 ⁷ / ₈ in.)
Fuel tank capacity	5.5 litres (9 ¹ / ₂ imp. pt.)
Weight, net, standard	approx. 44 kg (97 lb.)
" gross "	74 kg (163 lb.)
Shipping volume	0.285 cu. m. (10 cu. ft.)

Well-tested material — quality down to the smallest part

Cylinder block of manganese-silicon cast iron

Pistons of light metal, KS Special piston alloy

Connecting rods of phosphor-bronze

Big-end bearings of phosphor-bronze with high-grade babbitt thrust surfaces

Crankshaft of high-test drop-forged steel

Drive shaft of high-test steel

Gearing of nickel-chrome steel

Propeller shaft of stainless steel, patented

Gear housing, propeller, anti-cavitation plate and propeller protection of bronze — 100% proof against corrosion by salt water and resistant to impact and shock.

Fuel tank of lacquered, specially treated sheet metal.

*Penta U-21 S can also be fitted with a 2-blade weed-cutting propeller, diameter 13¹/₂ in. (345 mm.), pitch 11¹/₂ in. (293 mm.).

A set of tools is supplied with the motor; a strong, water-proofed hood of canvas is available as optional extra.

